

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	"6809766"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 12:26
L2	12	"4211474"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 12:27
L3	23	"4708473"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 12:31
L4	2	"6804029"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 12:32
L5	2	"6362861"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 12:33
L6	11	"4969719"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 12:33
S1	2	"20040207746"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 15:42
S2	10	((("5894325") or ("7057655") or ("4335405") or ("4589024") or ("5576762"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/05 15:58
S3	599	retract same lens barrel	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 15:59
S4	393	retract same lens barrel and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 15:59

## EAST Search History

S5	377	retract same lens barrel and @ay<="2003" and camera	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 15:59
S6	324	retract same lens barrel and @ay<="2003" and camera and rotat\$7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 16:24
S7	536	348/340.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 16:25
S8	871	348/335.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 16:45
S9	326	359/701.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 16:45
S10	23	359/701.ccls. and rotat\$7 adj shaft and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 16:58
S11	144	lens barrel and retract\$3 and (thin\$2 same (rotate or rotating or rotational))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 17:01
S12	116	lens barrel and retract\$3 and (thin\$2 same (rotate or rotating or rotational)) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 17:13

## EAST Search History

S13	46	"6031998"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/05 17:14
S14	96	("20010017738"   "20010019458"   "20010024573"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040141735"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"   "5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489").PN. OR ("6978089").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 17:37

## EAST Search History

S15	45	("4451129").PN. OR ("4887107"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/05 18:11
S16	46	"6031998"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 13:50

## EAST Search History

S17	96	("20010017738"   "20010019458"   "20010024573"   "20020135896"   "20020135900"   "20020135901"   "20020181953"   "20030007796"   "20030081325"   "20030081327"   "20030081948"   "20030156832"   "20040042089"   "20040042090"   "20040042091"   "20040042092"   "20040042093"   "20040042095"   "20040042096"   "20040042775"   "20040042776"   "20040042777"   "20040042778"   "20040051967"   "20040051968"   "20040051969"   "20040051970"   "20040051971"   "20040051972"   "20040051981"   "20040062536"   "20040062537"   "20040141735"   "3377427"   "4451129"   "4525050"   "4545661"   "4597657"   "4643554"   "4643555"   "4721972"   "4768048"   "4771303"   "4791441"   "4792822"   "4841323"   "4887107"   "4937609"   "4952955"   "4974949"   "4993815"   "5086312"   "5099263"   "5136324"   "5210644"   "5223873"   "5264939"   "5376983"   "5430516"   "5485315"   "5499143"   "5587754"   "5636062"   "5715482"   "5731913"   "5739962"   "5765049"   "5790907"   "5790911"   "5818647"   "5832326"   "5870232"   "5909600"   "5912772"   "5926322"   "6031998"   "6052535"   "6055116"   "6064533"   "6069745"   "6075655"   "6115190"   "6185375"   "6204977"   "6324019"   "6366323"   "6490099"   "6570718"   "6611663"   "6665129"   "6711349"   "6757489").PN. OR ("6978089").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/06 13:50
S18	45	("4451129").PN. OR ("4887107"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/06 13:50

## EAST Search History

S19	136	(S17 or S16 or S18) and (aperture or shutter or stop or diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 15:14
S20	64	(S17 or S16 or S18) and (aperture and shutter and stop and diaphragm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 15:14
S21	57	(S17 or S16 or S18) and (aperture and shutter and stop and diaphragm) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 16:20
S22	0	(S17 or S16 or S18) and (aperture and shutter and stop and diaphragm) and @ad<="04302003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 15:16
S23	86	(S17 or S16 or S18) and (aperture) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 16:20
S24	29	S23 not S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 16:31
S27	93	396/457.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 18:00
S28	65	396/459.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 16:43

## EAST Search History

S29	167	396/462.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 16:43
S30	548	396/493.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/06 18:01
S31	276	396/493.ccls. and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/07 14:13
S32	3	"6377327"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/07 14:13
S33	6	"825340".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 12:14
S34	11	(sliding and cover).ti. and ("348" or "396").clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 12:15
S35	8	S34 and switch	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 17:16
S36	0	S34 and (on same off)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 12:16

## EAST Search History

S37	2	("5594523").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 17:16
S38	11	("3062098"   "4051502"   "4130357"   "4522478").PN. OR ("5594523").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/10 17:17
S39	2	("4736219").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 17:17
S40	310	(sliding and lens).ti. and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 17:21
S41	2	("5819127").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 17:23
S42	2	("4280762").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 17:24
S43	3	("6132110").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/10 17:25
S44	0	348/3535.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 17:25



## EAST Search History

S45	871	348/335.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 17:27
S46	167	348/335.ccls. and slid\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 17:27
S47	108	348/335.ccls. and slid\$3 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 17:30
S48	8194	(direction with optical axis) and slid\$3 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 17:31
S49	1920	(direction with optical axis) with slid\$3 and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 17:31
S50	1261	(direction with optical axis) with slid\$3 same lens and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 17:33
S51	16	(direction with optical axis) with slid\$3 same lens adj (cover or barrier) and @ay<="2003"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/11 12:09
S52	1	"6164842" and ("20" same "21" same "22")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/12 18:30

## EAST Search History

S53	14	"5546147"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/12 18:30
S54	10	("4420236"   "4752796"   "4864338"   "4868590"   "5602607"   "5761556"   "5950028"   "Re34453").PN. OR ("6164842").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/09/13 11:19